

What is claimed is:

1 1. A method for determining a correct telephone dialing
2 sequence from a predetermined locality, the steps comprising:

3 a) retrieving phone numbers to call in a
4 predetermined format;

5 b) selecting a potentially operable dialing sequence
6 from a predetermined set of dialing sequences;

7 c) dialing the sequence and monitoring progress;

8 d) storing the results; and

9 e) using the results to determine the next dialing
10 sequence.

1 2. The method of claim 1 where the result of dialing a
2 selected dialing sequence is classified and logged as a
3 potential failure.

1 3. The method of claim 1 where the result of dialing a
2 selected dialing sequence is classified and logged as a
3 potential success.

1 4. The method of claim 1 where the result of dialing a
2 selected dialing sequence is classified and logged as a
3 certain success.

1 5. The method of claim 4 where the additional
2 qualification of any response from a person or receiving
3 device that may be voice response, dual tone multi frequency
4 (DTMF) key press, or received data is classified and logged as
5 a certain success.

1 6. The method of claim 4 where recorded call attempts
2 and recorded call potential failures and recorded call
3 potential successes and recorded call certain successes is
4 analyzed to determine the next dialing sequence to use in
5 subsequent dialing attempts.

1 7. The method of claim 4 where the potential successes
2 are not logged and only the attempts and potential failures
3 are logged.

1 8. The method of claim 4 where any subset or superset of
2 information is stored to aid in accuracy of the automatic dial
3 sequence determination, improving operating speed of the
4 algorithm, compactness of code, or reporting.

1 9. The method of claim 4 where the resulting success is
2 permanently recorded as the correct dialing sequence for
3 future dialing sequence constructs to that area code and
4 exchange.

1 10. The method of claim 1 where the method is hosted in
2 one of the following systems: a personal computer, embedded
3 computer system, telephone, PBX, or other device capable of
4 computing hosting and containing the database of intended
5 telephone numbers and the dialing results.

1 11. The method of claim 1 while dialing the selected
2 sequence through land line, wireless mechanisms, the internet,
3 or any telecommunications dialing system to complete the
4 intended communication.

1 12. The method of claim 1 where an alternate long
2 distance service is used and incorporated into the method
3 through a dialing prefix.

1 13. The method of claim 1 where upon detection of
2 several dial attempt failures on a previously successful
3 dialing sequence resets the area code and exchange statistics.

1 14. The method of claim 1 where a configuration setting
2 will steer the algorithm to use a particular attempted dialing
3 sequence before any other.

1 15. The method of claim 1 where more than one certainly
2 successful dialed sequence is used to collect statistics on
3 the validity of a dialing sequence.

1 16. The method of claim 1 where the area code of the
2 attempted phone number is compared to a set of user input area
3 codes so that when they match the algorithm is used, and when
4 they do not match a standard long distance dialing sequence is
5 used.

1 17. The method of claim 1 where certain area codes and
2 exchanges are set manually in the dial results table.

1 18. The method of claim 1 where the method is hosted in
2 any system or as a service for dialing within any software
3 application.

1 19. The method of claim 1 where an in house operator or
2 user assists in declaring success or failure of the dialing
3 sequences by listening to the results and providing feedback
4 to be recorded in the dialing results table.

1 20. The method of claim 1 where the resulting
2 communication is voice, fax, data, text, pictures, video or
3 any combination thereof.